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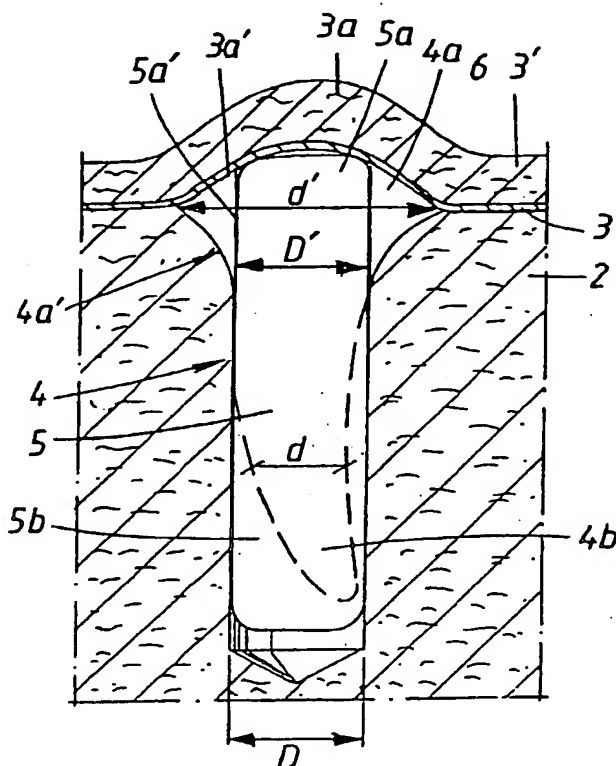
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(54) Title: ARRANGEMENT FOR USING OSTEOINDUCTIVE OR BIOACTIVE MATERIAL TO INDUCE BONE AND/OR INCREASE THE STABILITY OF IMPLANTS IN THE JAW BONE, AND AN IMPLANT INTENDED FOR THIS PURPOSE.



(57) Abstract: The stability of an implant (5) which is fitted in a jaw bone hole created by tooth root extraction is increased using osteoinductive material. Bone formation in the space between the implant and the bone wall is also stimulated. In an initial stage, the implant is anchored or fitted in the hole. With its outer parts (5a) the implant extends into a part (4a) of the hole which has a cross-sectional area exceeding the cross-sectional area of the outer parts (5a) of the implant. The soft tissue of the jaw bone, with possible periosteum, covers the implant and the space to form a closed space (4a). The bioactive material consists of growth-stimulating substances (GSS) arranged on the implant. In a stage of incorporation, GSS passes outward into body fluid which has penetrated into the closed space and interacts with cells present in the fluid so that new bone is formed around the outer parts (5a) of the implant. The invention also relates to a use and to an implant. The invention also simplifies the handling of implants.